

9/17/98  
JC573 U.S. PTO

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Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ID0835 Total Pages 4

First Named Inventor or Application Identifier

Mauger, et al.

Express Mail Label No. EL158463659US

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

|   |  |
|---|--|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 48]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 10]</p> <p>4. Oath or Declaration [Total Pages ]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 17 completed)<br/>[Note Box 5 below]</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting<br/>inventor(s) named in the prior application,<br/>see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br/>The entire disclosure of the prior application, from which a<br/>copy of the oath or declaration is supplied under Box 4b,<br/>is considered as being part of the disclosure of the<br/>accompanying application and is hereby incorporated by<br/>reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission<br/>(If applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
|---|--|

### ACCOMPANYING APPLICATION PARTS

- |   |
|---|
| <p>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application,<br/>Statement(s) <input type="checkbox"/> Status still proper and desired</p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br/>(If foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Other: .....</p> <p>.....</p> <p>.....</p> |
|---|

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

### 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 021498 or  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

|         |   |           |                |                    |
|---------|---|-----------|----------------|--------------------|
| NAME    | John D. Crane, Registration No. 25,231                |           |                |                    |
| ADDRESS | Northern Telecom - Patent Department<br>PO Box 832130 |           |                |                    |
| CITY    | Richardson  | STATE     | TX             | ZIP CODE           |
| COUNTRY | USA   | TELEPHONE | (972) 685-8442 | FAX (972) 685-3030 |

Burden Hour Statement: This form is estimated take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**

*Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT (\$)** 1,246**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | Unknown        |
| Filing Date            | Sep. 17, 1998  |
| First Named Inventor   | Mauger, et al. |
| Group Art Unit         | ****           |
| Examiner Name          | Unknown        |
| Attorney Docket Number | ID0835         |

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 50-0210  
Deposit Account Name Northern Telecom

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17       Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:  
 Check     Money Order     Other

**FEE CALCULATION****1. FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description            | Fee Paid        |
|----------------------------|----------------------------|----------------------------|-----------------|
| 101                        | 790                        | 201 Utility filing fee     | 790             |
| 106                        | 330                        | 206 Design filing fee      |                 |
| 107                        | 540                        | 207 Plant filing fee       |                 |
| 108                        | 790                        | 208 Reissue filing fee     |                 |
| 114                        | 150                        | 214 Provisional filing fee |                 |
| <b>SUBTOTAL (1)</b>        |                            |                            | <b>(\$)</b> 790 |

**2. CLAIMS**

| Total Claims                | Extra     | Fee from below | Fee Paid |
|-----------------------------|-----------|----------------|----------|
| 37                          | -20 = 17  | X 22 = 374     |          |
| Independent Claims 4        | - 3 = 1   | X 82 = 82      |          |
| Multiple Dependent Claims 0 | X 270 = 0 |                |          |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103                        | 22                         | 203 11 Claims in excess of 20                                  |
| 102                        | 82                         | 202 41 Independent claims in excess of 3                       |
| 104                        | 270                        | 204 135 Multiple dependent claim                               |
| 109                        | 82                         | 209 41 Reissue independent claims over original patent         |
| 110                        | 22                         | 210 11 Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2)</b>        |                            | <b>(\$)</b> 456  |

**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$)         | Small Entity Fee Code (\$) | Fee Description   | Fee Paid                         |
|------------------------------------|----------------------------|---|----------------------------------|
| 105                                | 130                        | 205 65 Surcharge - late filing fee or oath  | 0                                |
| 127                                | 50                         | 227 25 Surcharge - late provisional filing fee or cover sheet.                    | 0                                |
| 139                                | 130                        | 139 130 Non-English specification   | 0                                |
| 147                                | 2,520                      | 147 2,520 For filing a request for reexamination                                  | 0                                |
| 112                                | 920*                       | 112 920* Requesting publication of SIR prior to Examiner action                   | 0                                |
| 113                                | 1,840*                     | 113 1,840* Requesting publication of SIR after Examiner action                    | 0                                |
| 115                                | 110                        | 215 55 Extension for reply within first month                                     | 0                                |
| 116                                | 400                        | 216 200 Extension for reply within second month                                   | 0                                |
| 117                                | 950                        | 217 475 Extension for reply within third month                                    | 0                                |
| 118                                | 1,510                      | 218 755 Extension for reply within fourth month                                   | 0                                |
| 128                                | 2,060                      | 228 1,030 Extension for reply within fifth month                                  | 0                                |
| 119                                | 310                        | 219 155 Notice of Appeal  | 0                                |
| 120                                | 310                        | 220 155 Filing a brief in support of an appeal                                    | 0                                |
| 121                                | 270                        | 221 135 Request for oral hearing  | 0                                |
| 138                                | 1,510                      | 138 1,510 Petition to institute a public use proceeding                           | 0                                |
| 140                                | 110                        | 240 55 Petition to revive - unavoidable   | 0                                |
| 141                                | 1,320                      | 241 660 Petition to revive - unintentional  | 0                                |
| 142                                | 1,320                      | 242 660 Utility issue fee (or reissue)  | 0                                |
| 143                                | 450                        | 243 225 Design issue fee  | 0                                |
| 144                                | 670                        | 244 335 Plant issue fee   | 0                                |
| 122                                | 130                        | 122 130 Petitions to the Commissioner   | 0                                |
| 123                                | 50                         | 123 50 Petitions related to provisional applications                              | 0                                |
| 126                                | 240                        | 126 240 Submission of Information Disclosure Stmt                                 | 0                                |
| 581                                | 40                         | 581 40 Recording each patent assignment per property (times number of properties) | 0                                |
| 146                                | 790                        | 246 395 Filing a submission after final rejection (37 CFR 1.129(a))               | 0                                |
| 149                                | 790                        | 249 395 For each additional invention to be examined (37 CFR 1.129(b))            | 0                                |
| Other fee (specify) _____          |                            |   | 0                                |
| Other fee (specify) _____          |                            |   | 0                                |
| * Reduced by Basic Filing Fee Paid |                            |   | <b>SUBTOTAL(3)</b> <b>(\$)</b> 0 |

**SUBMITTED BY**

|                       |                      |                          |
|-----------------------|----------------------|--------------------------|
| Typed or Printed Name | John D. Crane        | Complete (if applicable) |
| Signature             | <i>John D. Crane</i> | Reg. Number 25,231       |

Date 09/17/98 Deposit Account User ID 50-0210

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JCS 09/156541 U.S. PTO  
09/17/98



In re application of: Mauger, Roy Harold; Cable, Julian Frank Barry; and Hayball, Clive Colin  
Serial No.: Unknown Group No.: \*\*\*\*  
Filed: 09/17/1998 Examiner: Unknown  
For: Communication System Architecture and Operating Methods Thereof

Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL158463659US  
Date of Deposit 09/17/1998

I hereby state that the following *attached* paper or fee

New Utility Patent Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Laura Howeth



Signature of person mailing paper or fee